

dioxo-, (7R,8S,11S,14S)- [100296-21-7]  
**Biphenomycin B**  
See 9,12-Diazatricyclo[14.3.1.1<sup>2,6</sup>]heneicosane-1(20),2,4,6(21),16,18-hexaene-8-carboxylic acid, 14-amino-11-[(2R)-3-amino-2-hydroxypropyl]-5,17-dihydroxy-10,13-dioxo-, (8S,11S,14S)- [100217-74-1]  
**Biphenomycin C**  
See L-Serine, (4R)-4-hydroxy-L-ornithyl-(3R)-3-[3'-(2S)-2-amino-2-carboxyethyl]-4,4'-dihydroxy[1,1'-biphenyl]-3-yl]-L-seryl-L-arginyl-, cyclic (2-1)-peptide [147139-55-7]  
**Biphenoside A**  
See  $\beta$ -D-Glucopyranose, 1-(3,3',5'-trihydroxy[1,1'-biphenyl]-2-carboxylate) [85514-02-9]  
**Biphenoside B**  
See  $\alpha$ -D-Glucopyranose, 1-(3,3',5'-trihydroxy[1,1'-biphenyl]-2-carboxylate) [85514-01-8]  
**Biphenox**  
See Benzoic acid, 5-(2,4-dichlorophenoxy)-2-nitro-, methyl ester [42576-02-3]  
**Biphenothrin**  
See Cyclopropanecarboxylic acid, 3-[(12Z)-2-chloro-3,3,3-trifluoro-1-propenyl]-2,2-dimethyl-, (2-methyl[1,1'-biphenyl]-3-yl)methyl ester, (1R,3R)-rel- [82657-04-3]  
**1,1'-Biphenyl, derivatives (general)**  
chloro — see also Aroclor [12767-79-2]  
**1,1'-Biphenyl**  
—, 2,2'-bis[(1,1'-biphenyl)-2-yl]-  
See 1,1':2',1'':2'',1''':2''',1''''':2''''',1''''''':2'''''''-Sexiphenyl [4740-52-7]  
—, 2,2'-bis[(1,1'-biphenyl)-4-yl]-  
See 1,1':4',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Sexiphenyl [5080-61-5]  
—, 2,4'-bis[(1,1'-biphenyl)-3-yl]-  
See 1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Sexiphenyl [13476-70-5]  
—, 3,3'-bis[(1,1'-biphenyl)-3-yl]-  
See 1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Sexiphenyl [4740-51-6]  
—, 3,4'-bis[(1,1'-biphenyl)-3-yl]-  
See 1,1':3',1'':3'',1''':4'',1''''':3''''',1''''''':3'''''''-Sexiphenyl [15039-46-0]  
—, 3,4'-bis[(1,1'-biphenyl)-4-yl]-  
See 1,1':4',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Sexiphenyl [14739-51-6]  
—, 4,4'-bis[(1,1'-biphenyl)-3-yl]-  
See 1,1':3',1'':4'',1''':4''',1''''':3''''',1''''''':3'''''''-Sexiphenyl [4969-04-4]  
—, 3,4,3',4'-bis[methylenebis(oxy)]-  
See 5,5'-Bi-1,3-benzodioxole [4791-89-3]  
—, 2,2'-dibenzoyl-  
See Methanone, [1,1'-biphenyl]-2,2'-diylbis[phenyl]- [24018-00-6]  
—, 4,4'-diisocyanato-3,3'-dimethoxy-  
See also Isonate 148T [71210-55-4]  
—, 4,4'-diisocyanato-3,3'-dimethyl-  
See also Isonate 136T [71210-54-3]  
TODI [119684-28-5]  
—, 2,2'-diphenyl-  
See 1,1':2',1'':2'',1''':2''',1''''':2''''',1''''''':2'''''''-Quaterphenyl [641-96-3]  
—, 2,3-diphenyl-  
See 1,1':2',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Terphenyl, 3'-phenyl- [1165-14-6]  
—, 2,3'-diphenyl-  
See 1,1':2',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Quaterphenyl [1165-57-7]  
—, 2,4'-diphenyl-  
See 1,1':2',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Quaterphenyl [1165-58-8]  
—, 3,3'-diphenyl-  
See 1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Quaterphenyl [1166-18-3]  
—, 3,4'-diphenyl-  
See 1,1':3',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Quaterphenyl [1166-19-4]  
—, 3,5-diphenyl-  
See 1,1':3',1'':5'',1''':5''',1''''':5''''',1''''''':5'''''''-Terphenyl, 5'-phenyl- [612-71-5]  
—, 4,4'-diphenyl-  
See 1,1':4',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Quaterphenyl [135-70-6]  
—, dodecahydro-  
See 1,1'-Bicyclohexyl [92-51-3]  
—, 4,4'-(1,12-dodecanediyl)-  
See Tricyclo[16.2.2.2<sup>2,2,5</sup>]triacosa-2,4,18,20,21,23-hexaene [2013-42-5]  
—, 1,2,3,4,5,6-hexahydro-  
See Benzene, cyclohexyl- [827-52-1]  
—, 2-phenyl-  
See 1,1':2',1'':2'',1''':2''',1''''':2''''',1''''''':2'''''''-Terphenyl [84-15-1]  
—, 3-phenyl-  
See 1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Terphenyl [92-06-8]  
—, 4-phenyl-  
See 1,1':4',1'':4'',1''':4''',1''''':4''''',1''''''':4'''''''-Terphenyl [92-94-4]  
—, 4,4'-(1,14-tetradecanediyl)-  
See Tricyclo[18.2.2.2<sup>2,2,5</sup>]hexacosa-2,4,20,22,23,25-hexaene [2013-43-6]  
**[1,1'-Biphenyl]-4-carbonitrile**  
—, 3,5'-diphenyl-  
See [1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Terphenyl]-4-carbonitrile, 5'-phenyl- [16776-78-6]  
**[1,1'-Biphenyl]carboxylic acid**  
piperidide — see Piperidine, 1-[(1,1'-biphenyl)-ylcarbonyl]- [26447-12-1]  
**[1,1'-Biphenyl]-4,4'-diamine**  
—, N-acetyl-  
See Acetamide, N-(4'-amino[1,1'-biphenyl]-4-yl)- [3366-61-8]  
—, N-(aminosilyl)-  
See Silanediimine, N-(4'-amino[1,1'-biphenyl]-4-yl)- [4746-74-1]  
—, N,N'-diamino-  
See Hydrazine, 1,1'-[1,1'-biphenyl]-4,4'-diylbis- [2050-28-4]  
—, 3,3'-dihydroxy-  
See [1,1'-Biphenyl]-3,3'-diol, 4,4'-diamino- [2373-98-0]  
**[1,1'-Biphenyl]-2,2'-dicarboximide**  
See 5H-Dibenz(c,e)azepine-5,7(6H)-dione [3864-08-2]  
**[1,1'-Biphenyl]-2,2'-dicarboxylic acid**  
—, 6,6'-dihydroxy-  
di- $\delta$ -lactone — see [1-Benzopyrano[5,4,3-cde][1]-benzopyran-5,10-dione [889-92-9]  
—, 4,4',5,5',6,6'-hexahydroxy-  
di- $\delta$ -lactone — see [1-Benzopyrano[5,4,3-cde][1]-benzopyran-5,10-dione, 2,3,7,8-tetrahydroxy- [476-66-4]  
—, 6-hydroxy-  
 $\delta$ -lactone — see 6H-Dibenzo[b,d]pyran-1-carboxylic acid, 6-oxo- [6868-89-9]  
**[1,1'-Biphenyl]-4,4'-diethanaminium**  
—, N,N'-bis(2-hydroxyethyl)-N,N',N'-tetramethyl- $\beta,\beta$ -dioxo-  
See also Morpholinium, 2,2'-[1,1'-biphenyl]-4,4'-diylbis[2-hydroxy-4,4'-dimethyl- [16478-59-4]  
**3,3'-Biphenyldiglyoxylaldehyde**  
aldehyde, aldehyde-bis(dimethyl acetal) —  
See Ethanone, 1,1'-[1,1'-biphenyl]-3,3'-diylbis[2,2'-dimethoxy- [29747-18-0]  
**[1,1'-Biphenyl]-2,2'-diol**  
cyclic diester with silicic acid (H<sub>4</sub>SiO<sub>4</sub>) —  
see 6,6'-Spirobis(dibenzof[d,f][1,3,2]dioxasilepin) [177-88-8]  
**[1,1'-Biphenyl]-2,2'-diyl germanate ((C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>)<sub>2</sub>Ge)**  
See 6,6'-Spirobis(dibenzof[d,f][1,3,2]dioxasilepin) [177-86-6]  
**[1,1'-Biphenyl]-2,2'-diyl iodonium**  
See Dibenziodolum [244-54-2]  
**[1,1'-Biphenyl]-2,2'-diyl oxide**  
See Dibenzofuran [132-64-9]  
**[1,1'-Biphenyl]-2,2'-diyl peroxide**  
See Dibenzofuran [132-64-9]  
**[1,1'-Biphenyl]-2,2'-diyl silicate ((C<sub>12</sub>H<sub>9</sub>O<sub>2</sub>)<sub>2</sub>Si)**  
See 6,6'-Spirobis(dibenzof[d,f][1,3,2]dioxasilepin) [177-88-8]  
**[1,1'-Biphenyl]-2,2'-diyl sulfide**  
See Dibenzothiophene [132-65-0]  
**Biphenylene**  
—, 1,8a-epoxy-2,8a-dihydro-  
See 2H-Biphenylene[1,8a-bc]oxete [29138-03-2]  
**4,5-(2',2''-Biphenylene)-1,3,2-dioxaphospholene**  
See Phenanthro[9,10-d]-1,3,2-dioxaphosphole [236-17-9]  
**Biphenyl 2-hydroxylase**  
See Oxygenase, aryl 2-mono- [71124-53-3]  
**Biphenyl 4-hydroxylase**  
See Oxygenase, aryl 4-mono- [9012-80-0]  
**[1,1'-Biphenyl]-2-methanol**  
—, 4,5-[methylenebis(oxy)]-  
See 1,3-Benzodioxole-5-methanol, 6-phenyl- [4371-22-6]  
**[1,1'-Biphenyl]-2-sulfonic acid**  
—, 2'-amino-  
sultam — see 6H-Dibenzo[c,e][1,2]thiazine, 5,5-dioxide [1864-33-1]  
—, 2'-mercapto-  
 $\delta$ -(thio sultone) —  
see Dibenzofuran[1,2]dithiin, 5,5-dioxide [25331-82-2]  
**[1,1'-Biphenyl]-4-sulfonic acid**  
—, 3,5'-diphenyl-  
See [1,1':3',1'':3'',1''':3''',1''''':3''''',1''''''':3'''''''-Terphenyl]-4-sulfonic acid, 5'-phenyl- [16776-79-7]  
**[1,1'-Biphenyl]-2,2',6,6'-tetracarboxylic 2,2',6,6'-dianhydride**  
See 4H,6H-[2]Benzoxepino[6,5,4-def][2]benzoxepin-4,6,10,12-tetrone [24821-26-9]  
**[1,1'-Biphenyl]-3,3',4,4'-tetracarboxylic 3,4,3',4'-dianhydride**  
See [5,5'-Bisobenzofuran]-1,1',3,3'-tetrone [2420-87-3]  
**2,2',6,6'-Biphenyltetracarboxylic 2,2',6,6'-diimide**  
See [2]Benzazepino[6,5,4-def][2]benzazepine-4,6,10,12(5H,11H)-tetrone [19600-39-6]  
**2,2'-Biphenyleneiodonium**  
See Dibenziodolum [244-54-2]  
**Biphosphinous diamide**  
See Hypophosphonous diamide [25740-68-5]  
**3,3'-Bipthalide**  
See [1,1'-Bisobenzofuran]-3,3'(1H,1'H)-dione [4281-21-4]  
**N,N'-Bipthalimide**  
See [2,2'-Bi-2H-isoindole]-1,1',3,3'-tetrone [4388-29-8]  
**Bipthalocyanine**  
See 51H,53H,55H,57H-Hexabenzof[g,g',l,l',q,q']benzo[1,2-b:4,5-b']diporphyrine [32882-26-1]  
**7,7'-Biphyscion**  
See [2,2'-Bianthracene]-9,9',10,10'-tetrone, 1,1',8,8'-tetrahydroxy-3,3'-dimethoxy-6,6'-dimethyl- [36942-61-7]  
**2,2'-Bi-3-picoline**  
See 2,2'-Bipyridine, 3,3'-dimethyl- [1762-32-9]  
**2,2'-Bi-4-picoline**  
See 2,2'-Bipyridine, 4,4'-dimethyl- [1134-35-6]  
**4,4'-Bi-3-picoline**  
See 4,4'-Bipyridine, 3,3'-dimethyl- [4479-73-6]  
**6,6'-Bi-2-picoline**  
See 2,2'-Bipyridine, 6,6'-dimethyl- [4411-80-7]  
**6,6'-Bi-3-picoline**  
See 2,2'-Bipyridine, 5,5'-dimethyl- [1762-34-1]  
**3,3'-Bipicolinic acid**  
See [3,3'-Bipyridine]-2,2'-dicarboxylic acid [3723-32-8]  
**6,6'-Bipicolinic acid**  
See [2,2'-Bipyridine]-6,6'-dicarboxylic acid [4479-74-7]  
**Bipicolinoyl**  
See Ethanediolone, di-2-pyridinyl- [492-73-9]  
**Bipicryl**  
See 1,1'-Biphenyl, 2,2',4,4',6,6'-hexanitro- [4433-16-3]  
**[10,10'-Bipinane]-3,3'-dione**  
See Bicyclo[3.1.1]heptan-3-one, 2,2'-(1,2-ethanediyl)bis[6,6-dimethyl- [4411-84-1]  
**Bipindogenin**  
See Card-20(22)-enolide, 3,5,11,14-tetrahydroxy-, (3 $\beta$ ,5 $\beta$ ,11 $\alpha$ )- [6246-80-6]  
**Bipindogulomethylsulfide**  
See Card-20(22)-enolide, 3-[(6-deoxy- $\beta$ -D-glucopyranosyl)oxy]-5,11,14-trihydroxy-, (3 $\beta$ ,5 $\beta$ ,11 $\alpha$ )- [53152-43-5]  
**Bipindoside**  
See Card-20(22)-enolide, 3-[(6-deoxy- $\alpha$ -L-talopyranosyl)oxy]-5,11,14-trihydroxy-, (3 $\beta$ ,5 $\beta$ ,

11 $\alpha$ )- [6246-79-3]  
**Bipinnatiduloside F<sub>1</sub>**  
See  $\beta$ -D-Glucopyranoside, (3 $\beta$ ,12 $\beta$ )-20-( $\beta$ -D-glucopyranosyloxy)-12,24-dihydroxydammar-25-en-3-yl 2-O- $\beta$ -D-glucopyranosyl- [125409-60-1]  
**Bipinnatiduloside F<sub>2</sub>**  
See  $\beta$ -D-Glucopyranoside, (3 $\beta$ ,12 $\beta$ ,22E)-20-( $\beta$ -D-glucopyranosyloxy)-12,24-dihydroxydammar-22-en-3-yl 2-O- $\beta$ -D-glucopyranosyl- [125310-01-2]  
**Bipinnatin**  
See Azuleno[4,5-b]furan-2,9-dione, decahydro-7-hydroxy-6,9a-dimethyl-3-methylene-, (3aS,6S,6aS,7R,9aR,9bR)- [33649-13-7]  
**Bipinnatin A**  
See 11,16,18,19-Tetraoxapentacyclo[12.2.2.1<sup>6,9</sup>.0<sup>1,15</sup>.0<sup>10,12</sup>]nonadeca-6,8-diene-4-acetic acid, 2,5-bis(acetyloxy)-7,12-dimethyl- $\alpha$ -methylene-17-oxo-, methyl ester, (1S,2S,4R,5R,10S,12S,14R,15R)- [99552-28-0]  
**Bipinnatin B**  
See 11,16,18,19-Tetraoxapentacyclo[12.2.2.1<sup>6,9</sup>.0<sup>1,15</sup>.0<sup>10,12</sup>]nonadeca-6,8-diene-4-acetaldehyde, 2,5-bis(acetyloxy)-7,12-dimethyl- $\alpha$ -methylene-17-oxo-, (1S,2S,4R,5R,10S,12R,14S,15S)- [99552-24-6]  
**Bipinnatin C**  
See 11,16,18,19-Tetraoxapentacyclo[12.2.2.1<sup>6,9</sup>.0<sup>1,15</sup>.0<sup>10,12</sup>]nonadeca-6,8-dien-17-one, 2,5-bis(acetyloxy)-7,12-dimethyl-4-[(2R)-2-methyl-oxiran-1-yl]-, (1S,2R,4R,5S,10S,12R,14S,15S)-rel-(-)- [123483-20-5]  
**Bipinnatin D**  
See 3,7,17-Trioxatetracyclo[12.2.1.1<sup>6,9</sup>.0<sup>2,4</sup>]octadeca-9-(18),14,16-triene-12-acetaldehyde, 10,13-bis(acetyloxy)-4,15-dimethyl- $\alpha$ -methylene-8-oxo-, (2R,4S,6R,10S,12R,13R)-rel-(+)- [123374-33-4]  
**Bipinnatin E**  
See 11,16,18,19-Tetraoxapentacyclo[12.2.2.1<sup>6,9</sup>.0<sup>1,15</sup>.0<sup>10,12</sup>]nonadeca-6,8-diene-7-carboxylic acid, 2-(acetyloxy)-4-(1-formylethenyl)-12-methyl-17-oxo-, methyl ester, (1S,2S,4S,10S,12R,14S,15S)- [99552-25-7]  
**Bipinnatin F**  
See 11,16,18,19-Tetraoxapentacyclo[12.2.2.1<sup>6,9</sup>.0<sup>1,15</sup>.0<sup>10,12</sup>]nonadeca-6,8-dien-17-one, 2,5-bis(acetyloxy)-7,12-dimethyl-4-(1-methylethenyl)-, (1S,2S,4R,5R,10S,12R,14S,15S)- [99552-26-8]  
**Bipinnatin G**  
See 3,7,17-Trioxatetracyclo[12.2.1.1<sup>6,9</sup>.0<sup>2,4</sup>]octadeca-9-(18),14,16-trien-8-one, 10,13-bis(acetyloxy)-4,15-dimethyl-12-(1-methylethenyl)-, (2R,4R,6R,10S,12R,13R)- [134455-94-0]  
**Bipinnatin H**  
See 3,7,17-Trioxatetracyclo[12.2.1.1<sup>6,9</sup>.0<sup>2,4</sup>]octadeca-9-(18),14,16-trien-8-one, 10,13-bis(acetyloxy)-4,15-dimethyl-12-(2-methyloxiran-1-yl)- [134455-95-1]  
**Bipinnatin I**  
See 3,7,17-Trioxatetracyclo[12.2.1.1<sup>6,9</sup>.0<sup>2,4</sup>]octadeca-9-(18),14,16-triene-12-acetic acid, 10,13-bis(acetyloxy)-4,15-dimethyl- $\alpha$ -methylene-8-oxo-, methyl ester, (2R,4R,6R,10S,12R,13R)- [134455-96-2]  
**Bipinnatin J**  
See 6,16-Dioxatricyclo[11.2.1.1<sup>5,8</sup>]heptadeca-2,8(17),13,15-tetraen-7-one, 12-hydroxy-3-methyl-11-(1-methylethenyl)-, (2Z,5S,11S,12S)- [201742-79-2]  
**Bipinnatolide B**  
See 15,17,18-Trioxatetracyclo[11.2.2.1<sup>2,6</sup>.0<sup>1,14</sup>]octadeca-7,10-diene-9,16-dione, 5-(acetyloxy)-6-hydroxy-7,11-dimethyl-4-(1-methylethenyl)-, (1R,2S,4R,5R,6S,13R,14R)- [134455-98-4]  
**Bipinnatolide E**  
See 15,17,18-Trioxatetracyclo[11.2.2.1<sup>2,6</sup>.0<sup>1,14</sup>]octadeca-7,10-diene-4-acetic acid, 5-(acetyloxy)-6-hydroxy-7,11-dimethyl- $\alpha$ -methylene-9,16-dioxo-, methyl ester, (1R,2S,4R,5R,6S,13R,14R)- [134455-99-5]  
**Bipiperidyl mustard**  
See 4,4'-Bipiperidine, 1,1'-bis(2-chloroethyl)- [6802-93-3]  
**Biplanene**  
See 2a,7(1',2'):[8,12b(1'',2'')]Dibenzenodibenzo[a,e]cyclobuta[c]cyclooctene, 1,2,7,8-tetrahydro- [17277-99-5]  
**BIPO**  
See 1-Piperidinyl, 4,4'-(1,3-butadiene-1,4-diyl)-bis(4-hydroxy-2,2,6,6-tetramethyl- [14306-88-8]  
**Bipolaramide**  
See 6H,13H-Pyrazino[1,2-a:4,5-a']diindole-6,13-dione, 6a,7,13a,14-tetrahydro-4,11-dihydroxy-, (6aS,13aS)- [82220-76-6]  
**Bipolar cell (retinal)**  
Valid heading during volumes 126-130 (1997-June 1999) only  
See Eye, bipolar cell  
**Bipolar disorder**  
Valid heading during volumes 126-130 (1997-June 1999) only  
See Mental disorder, manic bipolar disorder  
**Bipolarin**  
See 9,10-Anthracenedione, 1,3,6,8-tetrahydroxy-2-[(1S)-3-hydroxy-1-(hydroxymethyl)propyl]- [22268-13-9]  
**Bipolaris**  
See also Drechslera Helminthosporium  
**Bipolar membranes**  
Valid heading during volumes 129-130 (July 1998-June 1999) only  
See Membranes, nonbiological, bipolar